

## ABSTRACT

The present invention provides a process for preparing bead polymers having an average particle size of 1 to 40  $\mu\text{m}$ , which includes:

contacting:

5 at least one polymerizable mix which includes at least 50% by weight of at least one (meth)acrylate monomer,

at least one aluminum compound, and

an aqueous phase,

to prepare a mixture;

10 dispersing the mixture at a shear rate  $\geq 10^3 \text{ s}^{-1}$  to form a dispersion, wherein the dispersion is stabilized by the aluminum compound; and

polymerizing to produce bead polymers having an average particle size of 1 to 40  $\mu\text{m}$ .